





IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Edwin R. Leonard et al.
APPLICATION NO.: 10/633,266
FILING DATE: July 31, 2003
TITLE: Virtual Conference Room
EXAMINER: Not Yet Known
GROUP ART UNIT: 2643
ATTY. DKT. NO.: 23564-07867

CERTIFICATE OF MAILING

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INFORMATION DISCLOSURE STATEMENT

Under 37 CFR §§ 1.56 and 1.97-98

SIR:

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is modified form PTO/SB/08A listing references for consideration by the Examiner.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

This Information Disclosure Statement is being filed:

- ☒ within three months of the filing date of the application, or date of entry into the national stage of an international application, or before the mailing date of a first office action on the merits, whichever event last occurred;
- ☐ before the mailing of a first official action after the filing of a request for continued examination (RCE) under 37 CFR § 1.114;

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- ☐ after three months of the filing date of this national application or the date of entry of the national stage in an international application, or after the mailing date of the first official action on the merits, whichever event last occurred, but before the mailing date of the first to occur of either: (1) a final action under 37 CFR §1.113; or (2) an action that otherwise closes prosecution in the application, and:
 - ☐ attached hereto is the fee set forth under 37 CFR §1.17(p) for submission of this Information Disclosure Statement under 37 CFR. § 1.97(c); OR
 - ☐ Applicant certifies pursuant to 37 CFR § 1.97(e) that:
 - ☐ each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; OR
 - ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement;
- ☐ on or before the payment of the issue fee but after the mailing date of the first to occur of either: (1) a final action under 37 CFR § 1.113; (2) a notice of allowance under 37 CFR § 1.311; or (3) an action that otherwise closes prosecution in the application, and:
 - ☐ Applicant certifies pursuant to 37 CFR. § 1.97(e) that:
 - ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement;
 - ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained

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in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement; AND

- ☐ attached hereto is the fee set forth under 37 CFR §1.17(p) for submission of this Information Disclosure Statement under 37 CFR. § 1.97(c); OR
- ☐ after the payment of the issue fee. Applicant requests that the information contained in this Information Disclosure Statement be placed in the file according to 37 CFR § 1.97(i), although the information may not be considered by the USPTO.
- ☐ Enclosed is a copy of each listed reference that may be material to the examination of this application, and for which there may be a duty to disclose.
- ☐ This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application No. _____, filed on _____, and the references cited therein are hereby referenced, but are not required to be provided in this application under 37 CFR § 1.98(d).
- ☒ This application was filed after June 30, 2003. Therefore, pursuant to the waiver of the requirements under 37 CFR 1.98(a)(2)(i), copies of each U.S. Patent and each U.S. Patent Application Publication are not required to be submitted. Copies of any foreign patent documents and non-patent literature cited herein are enclosed.
- ☐ Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application, and the communication was not received by any individual designated in 37 CFR § 1.56(c) more than thirty days prior to the filing of this Information Disclosure Statement. 37 CFR § 1.704(d).
- ☒ Applicant submits that no fee is required for the consideration of this Information Disclosure Statement.

Consideration of the listed references and favorable action are solicited.

Respectfully submitted,
EDWIN R. LEONARD ET AL.

Dated: _____

4/15/05

By: _____



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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Substitute for form 1449A/PTO	
				Complete if Known	
				Application No.	11/006,166
				Filing Date	December 6, 2004
				First Named Inventor	Emmanuel Francisco
				Art Unit	2614
Examiner Name	Not Yet Known				
Attorney Docket Number	23564-08705				
Sheet	1	of	5		

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	Document No. Number – Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A1	US-2,420,198	05-06-1947	Rosenthal
	A2	US-4,400,724	08-23-1983	Fields
	A3	US-4,890,314	12-26-1989	Judd et al.
	A4	US-4,928,301	05-22-1990	Smoot
	A5	US-5,117,285	05-26-1992	Nelson et al.
	A6	US-5,187,571	02-16-1993	Braun et al.
	A7	US-5,335,022	08-02-1994	Braun et al.
	A8	US-5,400,069	03-21-1995	Braun et al.
	A9	US-5,572,248	11-05-1996	Allen et al.
	A10	US-5,883,606	03-16-1999	Smoot

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ – Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS					
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	C1	MAOJUN, Zhang et al., “VCS: A Virtual Environment Support for Awareness and Collaboration,” ACM 1-58113-239-5/99/0019 ..., 1999, PP. 163-165.			
	C2	RASKAR, Ramesh et al., “Multi-Projector Displays Using Camera-Based Registration,” IEEE Visualization, San Francisco, CA, US, October 1999.			

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

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	C3	RASKAR, Ramesh et al., "The Office of the Future: A Unified Approach to Image-Based Modeling and Spatially Immersive Displays," SIGGRAPH 98, Orlando, Florida, July 19-24, 1998 (Computer Graphics Proceedings, Annual Conference Series, 1998), pp. 1-10.	
	C4	RASKAR, Ramesh, "Immersive Planar Display Using Roughly Aligned Projectors," Proceedings of the IEEE Virtual Reality 2000 Conference,	
	C5	TANG, John et al., "Supporting Distributed Groups With a Montage of Lightweight Interactions," Proceedings of the ACM Conference on Computer Supported Cooperative Work, Chapel Hill, October 22-26, 1994, pp. 23-34.	
	C6	TOWELES, Herman et al., "Transport and Rendering Challenges of Multi-Stream, 3D Tele-Immersion Data," NSF Lake Tahoe Workshop on Collaborative Virtual Reality and Visualization, October 26, 2003, pp. 1-6.	
	C7	REYNARD, Gail, "Vivid: A Symbiosis Between Virtual Reality and Video Conferencing," UKERNA Video Conferencing Workshop, Nottingham University, May 1996, pp. 1-11	
	C8	YANG, Ruigang et al., "Creating Adaptive Views for Group Video Teleconferencing – An Image-Based Approach," Proceedings of the 2004 ACM SIGMM Workshop on Effective Telepresence, 2004.	
	C9	WATABE, Kazuo, "Distributed Multiparty Desktop Conferencing System: MERMAID," Proceedings of the 1990 ACM Conference on Computer-Supported Cooperative Work, 1990, pp. 27-38.	
	C10	Weiser, Mark, "The Computer for the 21 st Century," Scientific American, September 1981, pp. 94, 98-102, 104.	
	C11	JANCKE, Gavin et al., "Presenting to Local and Remote Audiences: Design and Use of the TELEP System," CHI Letters, Vol. 2, Issue 1, April 2000, pp. 384-391.	

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	C12	GAVER, William et al., "One is Not Enough: Multiple Views in a Media Space," Proceedings of the SIGCHI conference on Human factors in computing systems, Amsterdam, The Netherlands, 1993, pp. 335-341.	
	C13	GREENHALGH, C. et al., "MASSIVE: A Collaborative Virtual Environment for Teleconferencing," ACM Transactions on Computer-Human Interaction, Vol. 2, No. 3, September 1995, pp. 239-261.	
	C14	YUN, Louis et al., "Architectures for Multi-Source Multi-User Video Compositing," Proceedings of the first ACM international conference on Multimedia, Anaheim, California, US, 1993, pp. 215-223.	
	C15	ISAACS, Ellen et al., "What Video Can and Can't Do For Collaboration: A Case Study," Proceedings of the First ACM International Conference on Multimedia, Anaheim, California, US, 1993, pp. 199-206.	
	C16	MORIKAWA, Osamu et al., "HyperMirror: Toward Pleasant-to-Use Video Mediated Communication System," Proceedings of the 1998 ACM Conference on Computer Supported Cooperative Work, Seattle, Washington, US, 1993, pp. 149 – 158.	
	C17	HOLLAN, Jim et al., "Beyond Being There," Proceedings of the SIGCHI conference on Human factors in computing systems, Monterey, California, US, 1992, pp. 119 – 125.	
	C18	FISH, Robert et al., "TheVideoWindow System in Informal Communications," Proceedings of the 1990 ACM Conference on Computer Supported Cooperative Work, pp. 1-11	
	C19	BUXTON, Bill et al., "Europarc's Integrated Interactive Intermedia Facility (IIIF): Early Experiences," Proc. IFIP WG8.4 Conference on Multi-user Interfaces and Applications, Heraklion, Crete, September 1990.	
	C20	BUXTON, W., "Telepresence: Integrating Shared Task and Person Spaces," Proceedings of the conference on Graphics interface '92, Vancouver, British	

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		Columbia, Canada, 1992, pp. 123–129.	
	C21	BRITTAN, David, "Being There: The Promise of Multimedia Communications," In MIT Technology Review, May/June 1992, pp. 42-50.	
	C22	BLY, Sara et al., "Media Spaces: Bringing People Together in a Video, Audio, and Computing Environment," Communications of the ACM, Vol. 36, No. 1, January 1993, pp. 27-46.	
	C23	CHEN, Milton, "Leveraging the Asymmetric Sensitivity of Eye Contact for Videoconferencing," Proceedings of the SIGCHI conference on Human factors in computing systems: Changing our world, changing ourselves, Minneapolis, Minnesota, US, 2002, pp. 49–56.	
	C24	AHUJA, S.R. et al., "The Rapport Multimedia Conferencing System," Conference Sponsored by ACM SIGOIS and IEEECS TC-OA on Office Information Systems, Palo Alto, California, US, 1998, Pages: 1-8.	
	C25	KUZUOKA, Hideaki et al., "Agora: A Remote Collaboration System That Enables Mutual Monitoring," CHI '99 Extended Abstracts on Human Factors in Computing Systems, Pittsburgh, Pennsylvania, US, 1999, pp. 190-191.	
	C26	TANG, John et al., "Why do Users Like Video? Studies of Multimedia-Supported Collaboration," Computer Supported Cooperative Work (CSCW), 1992, 1, pp. 163-193.	
	C27	ZOTKIN, Dmitry et al., "Smart Videoconferencing," IEEE International Conference on Multimedia and Expo (III), Vol. 3, New York, NY, US, 2000.	
	C28	OKADA, Ken-ichi et al., "Multiparty Videoconferencing at Virtual Social Distance: MAJIC Design," Proceedings of CSCW '94. Chapel Hill, NC: ACM, 1994, pp. 385-393.	
	C29	JANCKE, Gavin et al., "Linking Public Spaces: Technical and Social Issues," Proceedings of the SIGCHI Conference on Human Factors in Computing	

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		Systems, Seattle, Washington, US, 2001, pp. 530–537.	
	C30	DOURISH, Paul et al., "Portholes: Supporting Awareness in a Distributed Work Group," Proceedings of the SIGCHI Conference on Human Factors in Computing Systems, Monterey, CA, US, 1992, pp. 541–547.	
	C31	TAKEMURA, Haruo et al., "Cooperative Work Environment Using Virtual Workspace," Proceedings of the 1992 ACM conference on Computer-supported Cooperative Work, Toronto, Ontario, Canada, 1992, pp. 226-232.	
	C32	TANG, John et al., "VideoWhiteBoard: Video Shadows to Support Remote Collaboration," Proc. Human Factors in Computing Systems, 1991, pp. 315-322.	
	C33	TANG, John et al., "Supporting Distributed Groups With a Montage of Lightweight Interactions," Proceedings of the 1994 ACM Conference on Computer Supported Cooperative Work, Chapel Hill, North Carolina, US, 1994, pp. 23–34.	
	C34	TANG, John et al., "Montage: Providing Teleproximity for Distributed Groups," Proceedings of the SIGCHI conference on Human Factors in Computing Systems: Celebrating Interdependence, Boston, Massachusetts, US, 1994, pp. 37-43.	
	C35	GAGEN, Martin, "Interactive Telepresence Case Studies," Teliris Ltd., New York, NY, US, June 2002, pp. 1-8.	

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